

“Technology Innovations for Test, Evaluation, and Instrumentation”

THEME

The 2002 theme is ‘Technology Innovations for Test, Evaluation, and Instrumentation’. The focus is on the planning and use of new technologies for airborne data acquisition on test vehicles. We’ve approached this theme on two tracks; Instrumentation Track - The Providers; Flight Test Track - The Users. Papers are invited relating to this theme and tracks, as well as to the traditional tracks and special interest areas of ITEA. Registrations of interest are also sought from potential exhibitors. The symposium will include both exhibitions and presentations.

WORKSHOP PROGRAM

The workshop program explores the application of new instrumentation and measurement technologies for the test and evaluation of air, sea, and land vehicles.

PROGRAM HIGHLIGHTS

- Technical Presentations
- Keynote Address
- Blue-Ribbon Panel Discussion
- Tutorials
- Tours
 - Air Force Flight Test Center, Edwards AFB
 - Naval Air Warfare Center, China Lake
- Social Events
- Golf Tournament

FOCUS

As always, the Workshop’s primary focus is on test instrumentation systems and their applications. However, the 2002 Workshop will put special emphasis on exploiting new technology opportunities for test instrumentation in both the Provider and User areas. In particular, we are looking for technical papers on: promising new technologies that advance land, sea, and air applications; distributed test, training, and simulation; war-fighter exercises and contingencies; techniques dealing with shrinking bandwidth; programs promoting partnerships or alliances; and acquisition reform. All Workshop sessions will be held at the Essex House. All papers and presentations will be UNCLASSIFIED. Two distinct technical tracks are offered. The Provider track will explore topics related to the design, selection, and operation of test measurement systems. The User track will look at measurement techniques from the data user perspective. The program is expected to include papers in the following areas.

SUGGESTED TOPICS

Provider Track

New Transducer Concepts
Encoder Technology
Solid State Data Recorders
Spectrally Efficient Telemetry Devices
Wireless Data Networks

User Track

Innovative Measurement Techniques
Calculation and Management of Error Budgets
Determination of Minimal Data Sampling Rates
Application of Digital Filtering
Advances in Data Displays

ABSTRACT SUBMISSION

For each paper submitted, prospective authors are requested to submit their abstract (less than 1 page), Author name(s), Business affiliation(s), Address(es), Phone number, Email address, and fax. Information about the conference and an example paper, which may be used as a template and contains more details about submission of papers, can be obtained from the symposium web site:
<http://www.edwards.af.mil/itea>

Please submit abstract in Microsoft Word or Power Point file formats via e-mail or hardcopy to:

Tim Chalfant

412 Test Wing/DR
US Air Force Flight Test Center
307 Popson Dr.
Edwards AFB, CA, 93524
TEL: 661-275-9255
e-mail: tim.chalfant@edwards.af.mil

Technical session paper presentations will be a maximum 25 minutes in length, plus a 5-minute question and answer period. Papers accepted for presentation will be published in the Workshop Proceedings in CD-ROM form.

IMPORTANT DATES (DEADLINES)

Abstract Due:	November 9, 2001
Acceptance Notification:	January 4, 2002
Draft Paper Submission Due:	March 15, 2002
Final Paper Submission Due:	April 15, 2002

FEES

	Prior to Mar 29	Mar 29 to Apr 12	After Apr 12
<i>ITEA Members</i>	\$325	\$350	\$375
<i>Nonmembers</i>	\$385	\$410	\$435
<i>Local full-time students</i>	\$15	\$15	\$15

The one-day registration fee is \$210 for members and \$235 for non-members. Acceptance of a paper does not waive the workshop registration fee. However, presenters and panelists will be entitled to register for the entire workshop for the one-day registration fee of \$210.

WORKSHOP COMMITTEE

Workshop Chair

Stephen F. Mendonca

Director, Test and Evaluation

Naval Air Warfare Center – Weapons Division
China Lake, CA

Technical Chair

Timothy A. Chalfant

661-275-9255

tim.chalfant@edwards.af.mil

Exhibits Chair

Milton H. Strickland

505-821-3591

mh-strickland@itea.org

Registration

Jean Shivar

703-631-6121

703-631-6121 (FAX)

jean@itea.org

Registration Information

www.edwards.af.mil/itea

www.itea.org

EXHIBIT INFORMATION

Forty exhibit spaces will be available for this event. Sign up early, since spaces will be allocated on a first-come, first-served basis. Fee per space is \$850. Contact Milt Strickland, 505-821-3591 for more details and reservation of spaces.

The includes:

- One full workshop registration
- Skirted table
- Two chairs

HOTEL ACCOMMODATIONS

A block of rooms has been set-aside at the Essex House Hotel, Lancaster, CA. The government rate per night is \$70.00 plus tax for a single and \$88.00 plus tax for a double. Call toll free for reservations, outside California: 800-843-7739; inside California: 800-524-2924.

Hotel Information:

Essex House Hotel


44916 N. 10th Street West
Lancaster, CA

800-84 ESSEX

www.bigpages.com/essexhouse

Call for Papers and Exhibits
*Test Instrumentation 2002:
Technology Innovations for Test,
Evaluation, and Instrumentation*
April 29 – May 2, 2002
Lancaster, California

Tel: 703-631-6220
Fax: 703-631-6221
www.itea.org


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4400 Fair Lakes Court, Suite 104
Fairfax, Virginia 22033-3899

ITEA WORKSHOP
CALL for PAPERS and EXHIBITS

Sixth Annual
ITEA Instrumentation Workshop

Test Instrumentation 2002:
**“Technology Innovations for Test,
Evaluation, and Instrumentation”**

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Essex House Hotel
44916 North 10th Street West
Lancaster, California 93534
661-948-0961



Hosted by the International Test and Evaluation Association
Antelope Valley and China Lake Chapters